

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059-CIP2D5	Unassigned
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	Unassigned

1c978 U.S. PTO  
09/22/01  
08/13/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>HN</i>	AA	5,617,385	4/1/97	Lee et al.	369	—	
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>HN</i>	AG	EP0 465 246 A2	1/8/92	Europe	—	—		
<i>HN</i>	AH	EP0 718 845 A2	6/26/96	Europe	—	—		
<i>HN</i>	AI	EP0 738 999 A2	10/23/96	Europe	—	—		
	AJ							
	AK							
	AL							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	

EXAMINER	DATE CONSIDERED
<i>Key Nguyen</i>	<i>4/1/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1059 CIP2D5

APPLICATION NO.

09/927,491

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Jung-wan KO et al.

FILING DATE

August 13, 2001

GROUP ART UNIT

2615

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>HW</i>	AG	JP 8-339194	12/24/96	Japan	—	—	abstract only	
<i>HW</i>	AH	JP 8-227577	9/3/96	Japan	—	—	abstract only	
<i>HW</i>	AI	JP 4-67490	3/3/92	Japan	—	—	abstract only	
	AJ							
	AK							
	AL							

RECEIVED

APR 05 2002

Technology Center 2800


## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>LIST OF COPENDING APPLICATIONS</b> 	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059 CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
FILING DATE		GROUP ART UNIT
August 13, 2001		2615

The following, prior-filed copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.53, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

RECEIVED

## U.S. PATENT APPLICATION DOCUMENTS

APR 05 2002

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE Technology Center 2600
<i>Dr</i>	1	09/263,816	3/8/99	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	2	09/583,877	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	3	09/923,322	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	4	09/923,323	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	5	09/924,094	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	6	09/923,361	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	7	09/583,876	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	8	09/927,500	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	9	09/927,495	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	10	09/927,494	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	11	09/927,496	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	12	09/923,401	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	13	09/923,400	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	14	09/923,399	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>Dr</i>	15	09/923,321	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.

EXAMINER

DATE CONSIDERED

\*EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 2

FORM PTO-1449 PATENT AND TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.	APPLICATION NO.
		1293.1059CIP2D5	09/927,491
		FIRST NAMED INVENTOR	
		Jung-wan KO, et al.	
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FILING DATE	GROUP ART UNIT
		August 13, 2001	2615

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>BA</i>	AA	5,889,746	3/1999	Moriyama et al.	—	—	
<i>MA</i>	AB	6,381,403	4/2002	Tanaka et al.	—	—	
<i>BA</i>	AC	6,449,227	9/2002	Heo, Jung-Kwon	—	—	
<i>BA</i>	AD	6,272,082	8/2001	Ishii et al.	—	—	
<i>BA</i>	AE	6,219,488	4/2001	Mori et al.	—	—	
<i>BA</i>	AF	5,131,311	7/1992	Murakami et al.	—	—	
<i>BA</i>	AG	6,385,387	5/2002	Tanaka et al.	—	—	
<i>BA</i>	AH	5,778,142	7/1998	Taira et al.	—	—	
<i>BA</i>	AI	6,392,969	5/2002	Heo, Jung-Kwon	—	—	
<i>BA</i>	AJ	6,208,802	3/2001	Mori et al.	—	—	
<i>BA</i>	AK	5,963,704	10/1999	Mimura et al.	—	—	

RECEIVED  
MAY 28 2003  
Technology Center 2600

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

							TRANSLATION YES NO	
	AM							

EXAMINER  <i>Greg Halsey</i>	DATE CONSIDERED  <i>4/1/00</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 2 of 2

FORM PTO-1448	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D5	APPLICATION NO. 09/927,491
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Jung-wan KO, et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2615

### U.S. PATENT DOCUMENTS

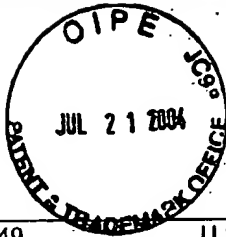
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>AW</i>	BA	5,654,516	8/1997	Tashiro et al.	—	—	
<i>AW</i>	BB	6,125,232	9/2000	Taira et al.	—	—	
<i>AW</i>	BC	6,222,983	4/2001	Heo, Jung-Kwon	—	—	
<i>AW</i>	BD	6,067,282	5/2000	Moriyama et al.	—	—	
<i>AW</i>	BE	5,863,206	1/1999	Narusawa et al.	—	—	
<i>AW</i>	BF	6,198,877	3/2001	Kawamura et al.	—	—	
<i>AW</i>	BG	5,703,308	12/1997	Tashiro et al.	—	—	
<i>AW</i>	BH	5,734,788	3/1998	Nonomura et al.	—	—	
<i>AW</i>	BI	5,687,160	11/1997	Aotake et al.	—	—	
<i>AW</i>	BJ	6,289,166	09/2001	Uno et al.	—	—	
<i>AW</i>	BK	6,381,403	4/2002	Tanaka et al.	—	—	
<i>AW</i>	BL	5,863,206	1/1999	Narusawa et al.	—	—	

**RECEIVED**  
MAY 28 2003  
Technology Center 2600

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	BM							

EXAMINER  <i>John N. K...</i>	DATE CONSIDERED  <i>4/1/02</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D5	APPLICATION NO. 09/927,491
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Jung-wan KO et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2616

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>BU</i>	AA	5,884,004	3/16/99	Sato et al	—	—	
<i>BU</i>	AB	6,567,371	5/20/03	Otomo	RECEIVED JUL 22 2004 Technology Center 2600		
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

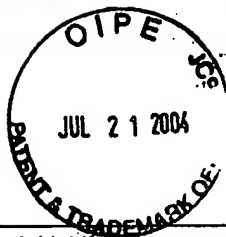
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>BU</i>	AG	08-272541	10/18/96	Japan	—	—	Abstract only	
<i>BU</i>	AH	11-213569	8/6/99	Japan	—	—	Abstract only	
<i>BU</i>	AI	97/13366	4/10/97	WO	—	—	Abstract only	
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	AM			

EXAMINER <i>Buy Nguyen</i>	DATE CONSIDERED <i>4/11/06</i>
-------------------------------	-----------------------------------

Best Available Copy



\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2616

*4/11/06* *Wan* U.S. Patent No. 6,567,371 corresponds to Japanese Publication No. 11-213569

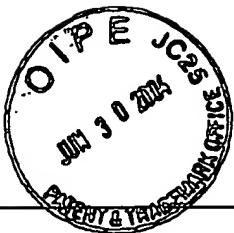
*Wan* U.S. Patent No. 5,884,004 corresponds to WO97/13366

**RECEIVED**

JUL 22 2004

Technology Center 2600

Best Available Copy



## ATTACHMENT 1(f)

LIST OF COPENDING APPLICATIONS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2615

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>John</i>	1	10/625,735	07/24/03	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
	2				
	3				
	4				
	5				
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
<i>John</i>	<i>4/1/06</i>
*EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	





Sheet 1 of 1

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP/ART UNIT
	August 13, 2001	2616

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>th</i>	AA	5,555,098	09/1996	Parolsky	—	—	
<i>th</i>	AB	5,778,142	7/1998	Taira et al.	—	—	
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
<i>th</i>	AG	6-20443	01/1994	Japan			X
<i>th</i>	AH	8-263969	10/1996	Japan			X
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION  
YES NO

	AM			
--	----	--	--	--

EXAMINER  <i>th</i>	DATE CONSIDERED  <i>9/11/06</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2616

U.S. Patent 5,555,098 corresponds to JP 6-20443.

U.S. Patent 5,778,142 corresponds to JP 8-263969

WO 97/13366 and JP8-272544 are references in Office Action but were previously submitted.



Sheet 1 of 1

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP/ART UNIT
	August 13, 2001	2616

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	AG						
	AH						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

				TRANSLATION YES NO	
<i>AM</i>	AM	<del>Japanese Office Action from Japanese Divisional Application No. 2002-199243.</del>			
<i>AN</i>	AN	<del>Japanese Office Action from Japanese Divisional Application No. 2002-199244.</del>			

EXAMINER	DATE CONSIDERED
<i>Henry Nguyen</i>	<i>4/1/08</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2616

*HN* ~~JP 6-20443, JP 8-263969, WO 97/13366 and JP 8-272541 are references in Office Actions but were previously submitted.~~



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.	APPLICATION NO.
		1293.1059CIP2D5	09/927,491
		FIRST NAMED INVENTOR	
		Jung-wan KO, et al.	
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FILING DATE	GROUP/ART UNIT
		August 13, 2001	2616

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>HW</i>	AA	6,148,138	11/2000	Sawabe et al.	—	—	
<i>LD</i>	AB	5,555,098	10/1996	Parulski	—	—	
<i>MR</i>	AC	5,902,115	05/1999	Katayama	—	—	
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
<i>MR</i>	AG	JP 06-20443	01/1994	Japan			X
<i>LD</i>	AH	JP 08-339194	12/1996	Japan			X
<i>MR</i>	AI	JP 09-252450	09/1997	Japan			X
	AJ						
	AK						
	AL						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	AM	Office Action issued in Japanese Patent Divisional Application No. 2002-199241 on October 18, 2005.		X

EXAMINER  <i>HW</i>	DATE CONSIDERED  <i>4/1/08</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D5	09/927,491
	FIRST NAMED INVENTOR	
	Jung-wan KO, et al.	
	FILING DATE	GROUP PART UNIT
	August 13, 2001	2616

4/11/06 *pb*  
10/20/06 *pb*  
10/20/06 *pb*  
\*Reference AA (6,148,138) is substantially equivalent to Reference A1 (JP 09-252450).

\*Reference AB (5,555,098) is substantially equivalent to Reference AG (JP 06-20443).

\*Reference AC (5,902,115) is substantially equivalent to Reference AH (JP 08-339194).